

IN THE CLAIMS

Claims 4, 8, and 20-25 are pending in this application, as follows:

- 1-3. (Cancelled).
4. (Previously Presented) An information management server to be connected to the student terminal for distributing lecture course contents to a student terminal, comprising:
 - an accumulator section to accumulate electronic data on said lecture contents;
 - a holding section to hold lecture-related information including plural problems relating to the lecture contents;
 - a send section to send said lecture contents and said lecture-related information to said student terminal;
 - an analyzer section to analyze said lecture-related information and electronic data on said lecture contents;
 - a matcher section to link said lecture-related information with said lecture contents based on said analysis results; and
 - a control section for selecting lecture contents linked to said lecture related information based on a reply to said lecture-related contents sent from said student terminal,wherein said send section sends said lecture-related information to the student terminal,
 - wherein the analyzer section is configured to extract text information from said lecture information, extract text information from video information contained in said lecture contents, and extract text information from audio information contained in said lecture contents,
 - wherein said matcher section links said video information with said lecture-related information based on results from comparing with said extracted text information,
 - wherein said analyzer section is configured to add time information relating to lecture contents to the extracted text information per sentence,
 - wherein said matcher section is configured to extract words from said extracted text information, extract time information on word locations where specified

words frequently appear in said extracted text information, extract said video information corresponding to said specified words in each sentence with said time information, extract said audio information corresponding to said specified words in each sentence with said time information, and store said extracted time information, said extracted video information and said extracted audio information in a relationship collating to each other on a time axis in time-spans during each of which the specified words frequently appear in said extracted text information,

wherein said control section is configured to select supplemental learning contents to be sent among lecture contents linked with each of said problems included in said lecture related information based on true-false judgment results of replies to each of said problems included in said lecture related information sent from said student terminal, and

wherein said send section is configured to send said selected supplemental learning contents to the student terminal which sends said replies to each of said problems.

5-7. (Cancelled).

8. (Previously Presented) An information management server according to claim 4, further comprising a grouping section for sorting students into groups based on replies to said lecture-related contents,

wherein said grouping section determines a tutoring start time by calculating an optimum time from desired tutoring times sent from the respective students included in the group,

said grouping section extracts a reply source terminal from each of the replies to said lecture-related contents, and sorts said students into groups based on a relation of said source terminal to said students as determined by the determining and extracting functions of said grouping section.

9-19. (Cancelled).

20. (Previously Presented) An information management server according to claim 4, wherein said matcher section compares a time span start time and a time span end

time of each of said time-spans of said extracted video information and said extracted audio information, finds overlaps among said time spans, sets an overlap flag for each overlap among said time-spans, stores said overlap flag with said extracted video and audio information as overlap flag data, searches within said overlap flag data for a hit word contained in an instructional material and review problem contents, finds overlap flag data containing the hit word, and creates review problems based upon found overlap flag data containing the hit word.

21. (Previously Presented) An information management server to be connected to the student terminal for distributing lecture course contents to a student terminal, comprising:

- an accumulator section to accumulate electronic data on said lecture contents;
- a holding section to hold lecture-related information including plural problems relating to the lecture contents;

- a send section to send said lecture contents and said lecture-related information to said student terminal;

- an analyzer section to analyze said lecture-related information and electronic data on said lecture contents;

- a matcher section to link said lecture-related information with said lecture contents based on said analysis results; and

- a control section for selecting lecture contents linked to said lecture related information based on a reply to said lecture-related contents sent from said student terminal,

- wherein said send section is configured to send said lecture-related information to the student terminals,

- wherein the analyzer section is configured to extract text information from said lecture-related information, extract text information from video information contained in said lecture contents, and extract text information from audio information contained in said lecture contents,

- wherein said matcher section links said video information with said lecture-related information based on results from comparing with said extracted text information,

wherein said analyzer is configured to add time information relating to lecture contents to the extracted text information per sentence,

wherein said matcher section is configured to extract words from said extracted text information, extract time information on word locations where specified words frequently appear in said extracted text information, extract said video information corresponding to said specified words in each sentence with said time information, and extract said audio information corresponding to said specified words in each sentence with said time information,

wherein said control section selects lecture contents to be sent among lecture contents linked with each of said problems included in said lecture-related information based on true-false judgment results of replies to each of said problems included in said lecture-related information sent from said student terminal, and

wherein said control section is configured to extract sections of video frame data contained in said selected lecture contents and within time-spans during each of which the specified words frequently appear in said extracted text information, and create supplemental learning contents based upon said sections of video frame data to send to said student terminal.

22. (Previously Presented) An information management server according to claim 21, further comprising a grouping section for sorting students into groups based on replies to said lecture-related contents,

wherein said grouping section determines a tutoring start time by calculating an optimum time from desired tutoring times sent from the respective students included in the group,

said grouping section extracts a reply source terminal from each of the replies to said lecture-related contents, and sorts said students into groups based on the inclusive relation of said source terminal.

23. (Previously Presented) An information management server to be connected to the student terminal for distributing lecture course contents to a student terminal, comprising:

an accumulator section to accumulate electronic data on said lecture contents;

a holding section to hold lecture-related information including plural problems relating to the lecture contents;

a send section to send said lecture contents and said lecture-related information to said student terminal;

an analyzer section to analyze said lecture-related information and electronic data on said lecture contents;

a matcher section to link said lecture-related information with said lecture contents based on said analysis results; and

a control section for selecting lecture contents linked to said lecture related information based on a reply to said lecture-related contents sent from said student terminal,

wherein the analyzer section is configured to extract text information from said lecture-related information, extract text information ~~and/or~~ from video information contained in said lecture contents, and extract text information from audio information contained in said lecture contents,

wherein said matcher section is configured to link said video information with said lecture-related information based on results from comparing with said extracted text information,

wherein said analyzer section is configured to add time information relating to lecture contents to the extracted text information per sentence,

wherein said matcher section is configured to extract words from said extracted text information, extract time information on word locations where specified words frequently appear in said extracted text information, extract said video information corresponding to said specified words in each sentence with said time information, extract said audio information corresponding to said specified words in each sentence with said time information, and store said extracted time information, said extracted video information and said extracted audio information in a relationship collating to each other on a time axis in time-spans during each of which the specified words frequently appear in said extracted text information,

wherein said control section is configured to select supplemental learning contents to be sent among lecture contents linked with each of said problems included in said practice problems based on true-false judgment results of replies to each of said in said practice problems sent from said student terminal, and

wherein said control section is configured to extract sections of video frame data contained in said selected lecture contents and within time-spans during each of which the specified words frequently appear in said extracted text information, and create supplemental learning contents based upon said sections of video frame data to send to said student terminal.

24. (Previously Presented) An information management server according to claim 23, further comprising a grouping section for sorting students into groups based on replies to said lecture-related contents,

wherein said grouping section determines a tutoring start time by calculating an optimum time from desired tutoring times sent from the respective students included in the group,

said grouping section extracts a reply source terminal from each of the replies to said lecture-related contents, and sorts said students into groups based on a relation of said source terminal to said students as determined by the determining and extracting functions of said grouping section.

25. (Previously Presented) An information management server according to claim 23, wherein said matcher section compares a time span start time and a time span end time of each of said time-spans of said extracted video information and said extracted audio information, finds overlaps among said time spans, sets an overlap flag for each overlap among said time-spans, stores said overlap flag with said extracted video and audio information as overlap flag data, searches within said overlap flag data for a hit word contained in an instructional material and review problem contents, finds overlap flag data containing the hit word, and creates review problems based upon found overlap flag data containing the hit word.